Figure 1

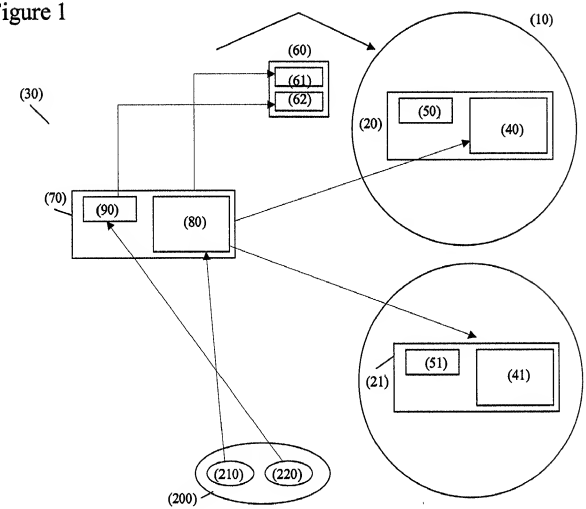
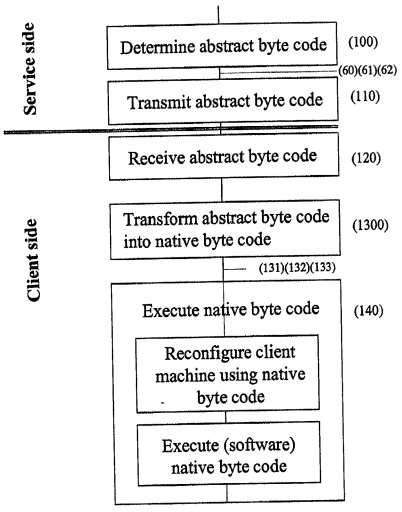


Figure 2


Service side
Determine abstract byte code
(100)
(60)(61)(62)
Transmit abstract byte code
(110)
Receive abstract byte code
(120)
Client side
Transform abstract byte code into native byte code
(1300)
(131)(132)(133)
Execute native byte code
(140)
Reconfigure client machine using native byte code
Execute (software) native byte code

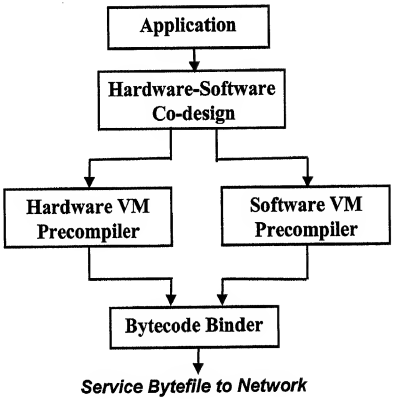


Figure 3

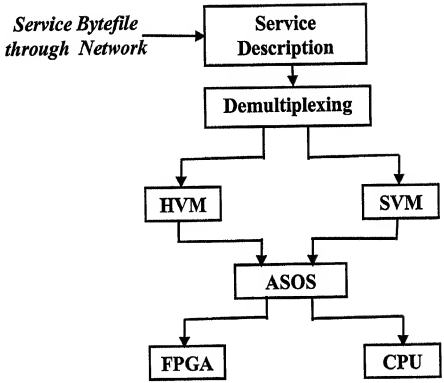


Figure 4

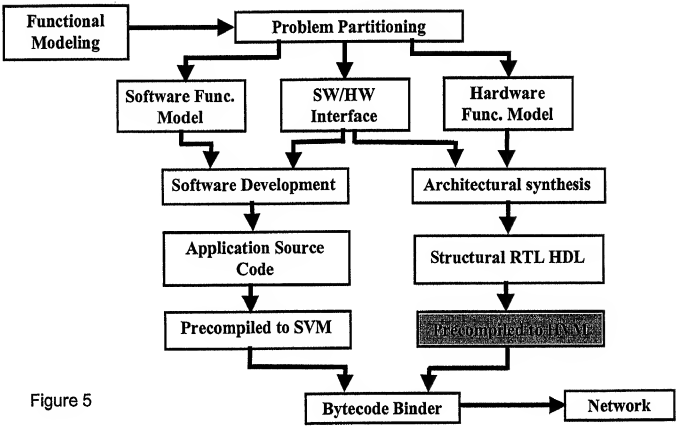


Figure 5

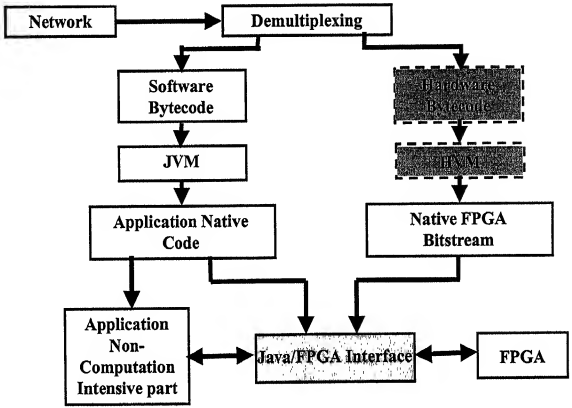


Figure 6

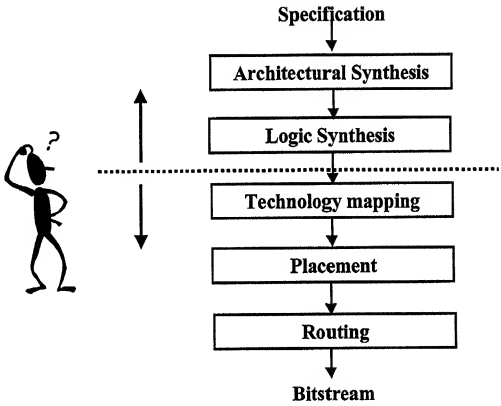


Figure 7

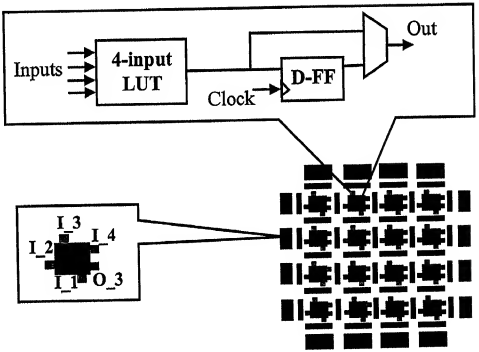


Figure 8

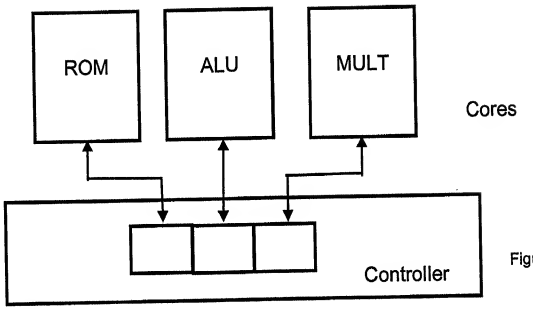


Figure 9

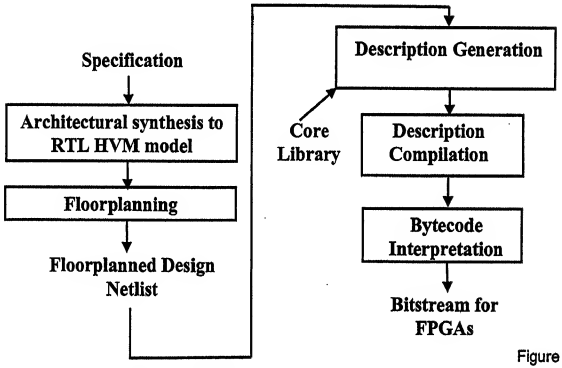


Figure 10

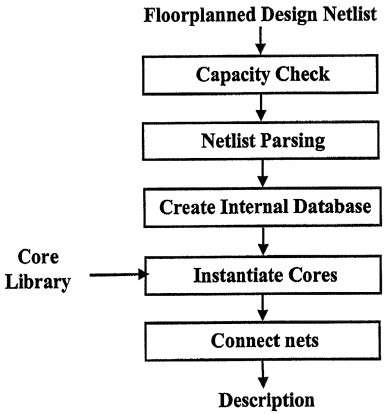

Floorplanned Design Netlist
Capacity Check
Netlist Parsing
Create Internal Database
Core Library
Instantiate Cores
Connect nets
Description

Figure 11

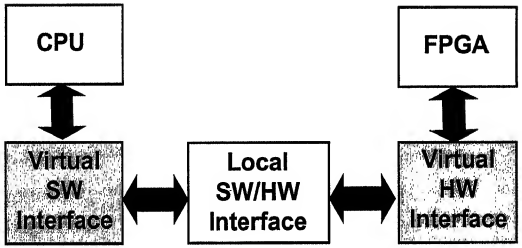


Figure 12

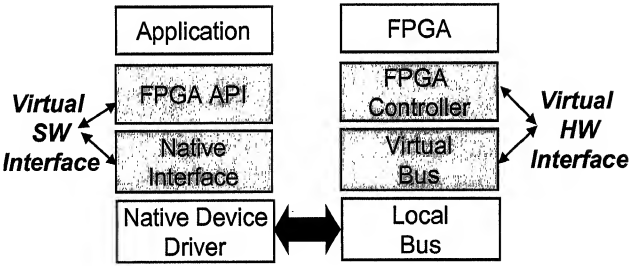


Figure 13

An Abstract FPGA Model

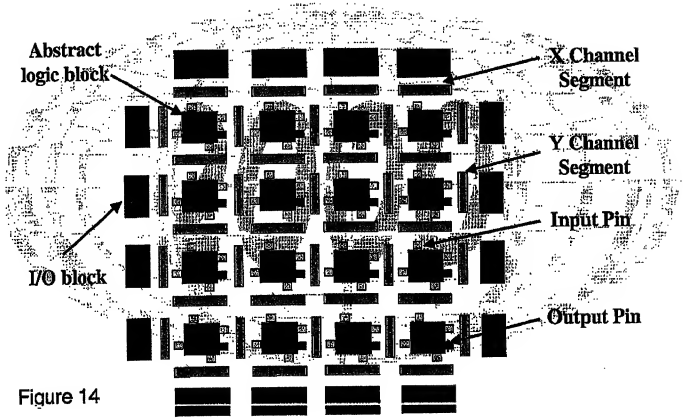


Figure 14